

## Storm Data and Unusual Weather Phenomena - August 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>TEXAS, North</b>				
<b>(TX-Z115) STEPHENS</b>				
	08/01/11 00:00 CST		0.23M	Wildfire
	08/14/11 17:00 CST		0	
<p>The CR 156 Fire began July 26th approximately 16 miles south of Breckenridge near Highway 183. The fire was first contained on July 28th after burning a total of 4321 acres. On August 4th, this fire reignited and consumed another 614 acres for a final total of 4935 acres. During the rekindle, another home, vehicle, a barn, and several more outbuildings were lost. This brought the total homes burned by the fire to three. The fire was finally completely controlled on August 14th. Very hot and dry conditions during both of these months resulted in elevated fire danger.</p>				
<b>(TX-Z091) MONTAGUE, (TX-Z092) COOKE, (TX-Z093) GRAYSON, (TX-Z094) FANNIN, (TX-Z095) LAMAR, (TX-Z100) YOUNG, (TX-Z101) JACK, (TX-Z102) WISE, (TX-Z103) DENTON, (TX-Z104) COLLIN, (TX-Z105) HUNT, (TX-Z106) DELTA, (TX-Z107) HOPKINS, (TX-Z115) STEPHENS, (TX-Z116) PALO PINTO, (TX-Z117) PARKER, (TX-Z118) TARRANT, (TX-Z119) DALLAS, (TX-Z120) ROCKWALL, (TX-Z121) KAUFMAN, (TX-Z122) VAN ZANDT, (TX-Z123) RAINS, (TX-Z129) EASTLAND, (TX-Z130) ERATH, (TX-Z131) HOOD, (TX-Z132) SOMERVELL, (TX-Z133) JOHNSON, (TX-Z134) ELLIS, (TX-Z135) HENDERSON, (TX-Z141) COMANCHE, (TX-Z142) MILLS, (TX-Z143) HAMILTON, (TX-Z144) BOSQUE, (TX-Z145) HILL, (TX-Z146) NAVARRO, (TX-Z147) FREESTONE, (TX-Z148) ANDERSON, (TX-Z156) LAMPASAS, (TX-Z157) CORYELL, (TX-Z158) BELL, (TX-Z159) MCLENNAN, (TX-Z160) FALLS, (TX-Z161) LIMESTONE, (TX-Z162) LEON, (TX-Z174) MILAM, (TX-Z175) ROBERTSON</b>				
	08/01/11 00:00 CST		0	Drought
	08/31/11 23:59 CST		1.66M	
<p>Drought conditions continued to worsen across much of the Fort Worth County Warning Area (CWA) during the month of August due to very little rainfall. All 46 counties in the Fort Worth CWA were experiencing at least severe drought conditions (D2) throughout the entire month, and all but portions of Tarrant, Dallas, and Denton counties were in at least extreme drought (D3) by the end of the month. Also, all areas except locations along the Interstate 20/30 corridors experienced exceptional drought (D4) at some point in the month. Ranchers continued to sell some of their cattle because they did not have sufficient water or grass to survive. Farmers were forced to harvest cotton crops three weeks early due to the drought conditions, and the size of the cotton crop was much smaller than normal. Area lakes and reservoirs continued to experience well below normal pool levels which led to some communities issuing water conservation notices for residents and businesses. One to three inches of rain did fall in the western portions of the CWA, near Eastland and Palo Pinto Counties, and this area did see some improvement in the drought conditions because of the rain.</p>				
<b>(TX-Z091) MONTAGUE, (TX-Z092) COOKE, (TX-Z093) GRAYSON, (TX-Z094) FANNIN, (TX-Z095) LAMAR, (TX-Z101) JACK, (TX-Z103) DENTON, (TX-Z104) COLLIN, (TX-Z105) HUNT, (TX-Z106) DELTA, (TX-Z107) HOPKINS, (TX-Z116) PALO PINTO, (TX-Z117) PARKER, (TX-Z118) TARRANT, (TX-Z119) DALLAS, (TX-Z120) ROCKWALL, (TX-Z121) KAUFMAN, (TX-Z122) VAN ZANDT, (TX-Z123) RAINS, (TX-Z131) HOOD, (TX-Z132) SOMERVELL, (TX-Z133) JOHNSON, (TX-Z134) ELLIS, (TX-Z135) HENDERSON, (TX-Z145) HILL, (TX-Z146) NAVARRO, (TX-Z147) FREESTONE, (TX-Z148) ANDERSON, (TX-Z157) CORYELL, (TX-Z158) BELL, (TX-Z159) MCLENNAN, (TX-Z160) FALLS, (TX-Z161) LIMESTONE</b>				
	08/01/11 06:00 CST	13	0	Excessive Heat
	08/06/11 02:21 CST	193	0	
<p>Direct Fatalities: F53PH, F56OU, F73PH, M34OU, M46VE, M55BF, M69PH, M74PH, M79PH, M80PH, M81PH</p> <p>Brutal triple digit daytime temperatures and warm overnight lows continued to occur across north Texas through the month of August. Only 3 scattered days provided relief from the record-setting heat. By the time August ended, it had been the warmest summer on record in both Dallas/Fort Worth and Waco. The average temperature for the summer months at DFW was 90.1, and the average temperature at Waco was 90.5. From June 30th - August 12th, Waco set a new record greatest consecutive 100-degree days of 44 days. Both DFW and Waco set new record greatest annual 100-degree days for the summer months with a few additional days in the month of September. Many daily high temperatures records and highest minimum temperature records were set or tied during the month of August. Dallas/Fort Worth again tied the all-time record highest minimum temperature of 86 degrees set in July 2011, and Waco set the all-time record highest minimum temperature of 86 degrees on the 2nd. The prolonged heat took its toll on North Texans and there were 27 heat related deaths and many more heat related illnesses. An Excessive Heat Warning was in effect for all but the southwestern counties the first 5 days of the month. The warmest temperatures of the month occurred in these first 5 days with highs reaching 113 or 114 degrees a few COOP locations. A Heat Advisory was in effect for all or parts of north Texas for most of the remainder of the month except for a few days in the middle of the month.</p>				
<b>(TX-Z101) JACK, (TX-Z121) KAUFMAN, (TX-Z142) MILLS, (TX-Z156) LAMPASAS, (TX-Z158) BELL</b>				
	08/01/11 15:30 CST		1.46M	Wildfire
	08/08/11 17:00 CST		7K	

Elevated fire weather conditions persisted for most of the month due to the extreme heat and the ongoing historic drought. Many

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wildfires occurred during the month burning over 40,000 acres of land, several homes, and lots of personal property. From the 1st through the 5th, there were 6 grass fires that caused damage. The largest and most damaging of these fires was the 1701-acre Center City Fire that occurred in Mills County.

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(TX-Z091) MONTAGUE, (TX-Z094) FANNIN, (TX-Z104) COLLIN, (TX-Z105) HUNT, (TX-Z117) PARKER, (TX-Z118) TARRANT, (TX-Z119) DALLAS

08/06/11 02:21 CST	11	0	Heat
08/31/11 23:59 CST	345	0	

Direct Fatalities: F48PH, F56PH, F70OU, F72OU, F86PH, F92PH, M58OT, M60VE, M63PH, M73MH, M76PH

Brutal triple digit daytime temperatures and warm overnight lows continued to occur across north Texas through the month of August. Only 3 scattered days provided relief from the record-setting heat. By the time August ended, it had been the warmest summer on record in both Dallas/Fort Worth and Waco. The average temperature for the summer months at DFW was 90.1, and the average temperature at Waco was 90.5. From June 30th - August 12th, Waco set a new record greatest consecutive 100-degree days of 44 days. Both DFW and Waco set new record greatest annual 100-degree days for the summer months with a few additional days in the month of September. Many daily high temperatures records and highest minimum temperature records were set or tied during the month of August. Dallas/Fort Worth again tied the all-time record highest minimum temperature of 86 degrees set in July 2011, and Waco set the all-time record highest minimum temperature of 86 degrees on the 2nd. The prolonged heat took its toll on North Texans and there were 27 heat related deaths and many more heat related illnesses. An Excessive Heat Warning was in effect for all but the southwestern counties the first 5 days of the month. A Heat Advisory was in effect for all or parts of north Texas for most of the remainder of the month except for a few days in the middle of the month.

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(TX-Z093) GRAYSON, (TX-Z101) JACK, (TX-Z130) ERATH, (TX-Z156) LAMPASAS, (TX-Z159) MCLENNAN

08/07/11 13:00 CST	0.32M	Wildfire
08/15/11 20:00 CST	13K	

Elevated fire weather conditions persisted for most of the month due to the extreme heat and the ongoing historic drought. Many wildfires occurred during the month burning over 40,000 acres of land, several homes, and lots of personal property. From the 6th through the 10th, there were 5 grass fires that caused damage. The largest and most damaging of these fires was the 7328-acre Cherry Homes Fire in northern Jack County. A 3840-acre fire also occurred in northern Grayson County.

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MONTAGUE COUNTY --- 5.0 NE NOCONA [33.83, -97.67]

08/11/11 10:29 CST	0	Hail (0.75 in)
08/11/11 10:29 CST	0	Source: Public

Penny sized hail was reported 5 miles NE of Nocona.

A weakening MCS moved across the Red River and brought showers and thunderstorms to areas north of Interstate 20. One storm produced penny sized hail in Montague County.

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(TX-Z129) EASTLAND, (TX-Z148) ANDERSON, (TX-Z162) LEON

08/12/11 09:00 CST	0.98M	Wildfire
08/24/11 17:38 CST	1	2K

Elevated fire weather conditions persisted for most of the month due to the extreme heat and the ongoing historic drought. Many wildfires occurred during the month burning over 40,000 acres of land, several homes, and lots of personal property. From the 11th through the 15th, there were 4 grass fires that caused damage. The largest of these fires was the 1320-acre Ranger Hill Fire in Eastland County. This fire did not damage any structures.

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(TX-Z105) HUNT, (TX-Z118) TARRANT, (TX-Z119) DALLAS, (TX-Z133) JOHNSON, (TX-Z146) NAVARRO, (TX-Z157) CORYELL, (TX-Z175) ROBERTSON

08/16/11 12:00 CST	1.71M	Wildfire
08/31/11 23:59 CST	3.50K	

Elevated fire weather conditions persisted for most of the month due to the extreme heat and the ongoing historic drought. Many wildfires occurred during the month burning over 40,000 acres of land, several homes, and lots of personal property. From the 16th through the 20th, there were 11 grass fires that caused damage. Two large fires were started on the Fort Hood Military Base artillery training area. A grass fire in Hunt County burned a junkyard for boats and tires, and other fires burned homes in Dallas and Tarrant counties.

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(TX-Z101) JACK, (TX-Z122) VAN ZANDT

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/21/11 12:00 CST		8K	Wildfire
	08/26/11 19:00 CST		0	

Elevated fire weather conditions persisted for most of the month due to the extreme heat and the ongoing historic drought. Many wildfires occurred during the month burning over 40,000 acres of land, several homes, and lots of personal property. From the 21st through the 25th, there were 2 grass fires that caused damage. A 2600-acre fire, named the Campsey Fire, burned in northern Jack County.

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(TX-Z102) WISE, (TX-Z116) PALO PINTO, (TX-Z135) HENDERSON, (TX-Z148) ANDERSON, (TX-Z156) LAMPASAS, (TX-Z157) CORYELL	08/26/11 15:32 CST	13.33M	Wildfire
	08/31/11 23:59 CST	16K	

Elevated fire weather conditions persisted for most of the month due to the extreme heat and the ongoing historic drought. Many wildfires occurred during the month burning over 40,000 acres of land, several homes, and lots of personal property. From the 26th through the 31st, there were 9 grass fires that caused damage. Most of these fires continued to burn into September. On the 30th, the 101 Fire began in Palo Pinto County near Possum Kingdom Lake. This fire burned 39 homes in the Cliffs and Gaines Bend subdivisions and another 9 recreational vehicles. In Coryell County, a 525-acre fire burned in the far eastern portions of the county, a 1635-acre fire burned near Evant, and another 3700-acre fire burned on the grounds of Fort Hood. A 400-acre fire in Wise County burned 5 homes, and a 2314-acre fire burned 3 homes in Anderson County.

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DALLAS COUNTY --- 2.7 SE UNIVERSITY PARK [32.85, -96.73]	08/29/11 07:45 CST	0.20M	Lightning
	08/29/11 07:45 CST	0	Source: Newspaper

A lightning strike started a house fire on Axminster Court by White Rock Lake. The damage to the 5400 square home was estimated around \$200,000.

A lightning strike started a house fire near White Rock Lake in Dallas County.